

FORM PTO-1449 (modified)
 To: U.S. Department of Commerce
 (PW FORM PAT-1449)
 Patent and Trademark Office

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| Atty. Dkt. No. | M# | Client Ref. |
| | 0306747 | T4HW-03S0873-1 |

**INFORMATION DISCLOSURE STATEMENT
 BY APPLICANT**

Applicant: KOUICHI NAKAMURA et al.

Appln. No.: UNASSIGNED

Filing Date: November 13, 2003

Date: November 13, 2003 Page 1 of 1

Examiner: UNKNOWN Group Art Unit: UNKNOWN

U.S. PATENT DOCUMENTS

| Examiner's Initials* | Document Number | Date MM/YYYY | Name (Family Name of First Inventor) | Class | Sub Class | Filing Date (if appropriate) |
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FOREIGN PATENT DOCUMENTS

| | Document Number | Date MM/YYYY | Country | Inventor Name | English Abstract | | Translation Readily Available | |
|------|--------------------|-----------------|---------|---------------|---------------------|----|-------------------------------------|----|
| | | | | | Enclosed | No | Enclose | No |
| /GW/ | OR 3-286470 | 12/1991 | Japan | | | X | | X |
| /JP/ | 2001-35072 | 02/2001 | Japan | | | X | | X |
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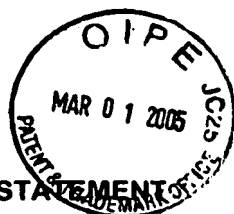
OTHER (including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

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Examiner /Girumsew Wendmagegn/ Date Considered: 06/23/2007

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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| | 008312- 0306747 | T4HW-03S0873-1 |

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: KOUICHI NAKAMURA et al.

Appln. No.: 10/706,060

Filing Date: November 13, 2003

Date: March 1, 2005

Page 1 of 1

Examiner: UNKNOWN

Group Art Unit: 2655

U.S. PATENT DOCUMENTS

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| | | | | | | Enclosed | No | Enclose | No |
| /GW/ | OR | 3-286470 | 12/1991 | Japan | KUSABA et al. | x | | | |
| /GW/ | PR | 2001-35072 | 02/2001 | Japan | MATSUYAMA et al. | x | | | |
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Examiner /Girumsew Wendmagegn/

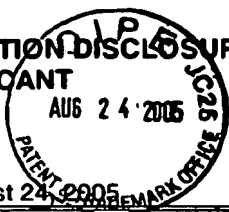
Date Considered: 06/23/2007

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| | 008312-0306747 | T4HW-03S0873-1 |

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**



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|-------------------------------------|----------------------|
| Applicant: NAKAMURA, Kouichi et al. | |
| Appln. No.: 10/706,060 | |
| Filing Date: 11/13/2003 | |
| Examiner: Unassigned | Group Art Unit: 2655 |

Date: August 24, 2005 Page 1 of 1

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

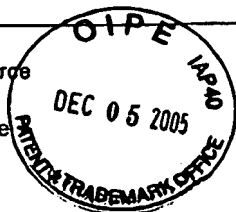
| | | Document Number | Date MM/YYYY | Country | Inventor Name | English Abstract | | Translation Readily Available | |
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| /GW/ | OR | JP 5-15194 U | 02/1993 | Japan | ISHIZUKA | x | | | |
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OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

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|-----|---|--|--|--|
| YR | Japanese Office Action dated July 26, 2005 for Appln. No. 2002-372380 | | | |
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| Applicant: NAKAMURA, Kouichi et al. | |
| Appln. No.: 10/706,060 | |
| Filing Date: 11/13/2003 | |
| Examiner: Unassigned | Group Art Unit: 2655 |

Date: December 5, 2005

Page 1 of 1

U.S. PATENT DOCUMENTS

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| | | | | | | Enclosed | No | Enclose | No |
| /GW/ | OR | JP 09-190671 | 07/1997 | Japan | Yasuda | x | | | |
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| YR | Japanese Office Action dated November 8, 2005 for Appln. No. 2002-372380 | | | |
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Examiner /Girumsew Wendmagegn/

Date Considered: 06/23/2007

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**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Applicant: Kouichi Nakamura et al.

Appln. No.: 10/706,060

Filing Date: November 13, 2003

Examiner: Unassigned Group Art Unit: 2655

Date: April 20, 2007 Page 1 of 1

U.S. PATENT DOCUMENTS

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| | | | | | | Enclosed | No | Enclose | No |
| /GW/ | OR | 59-180867.A | 10/15/1984 | Japan | SAWABE YOSHIKATSU | X | | | |
| /GW/ | PR | 9-147539 | 06-06-1997 | Japan | KAWABATA HIKARI | X | | | |
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|--|-----|--|--|--|--|--|--|---|--|
| | YR | European Search Report dated April 2, 2007 | | | | | | X | |
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